3-Heteroaryl-3,5-dihydro-4-oxo-4Hpyridazino[4,5-b]indole-1-acetamide derivatives, their
preparation and their application in therapeutics.

Abstract

The invention provides compounds of general formula (I)

in which

X represents a hydrogen or halogen atom; R_1 represents a hydrogen atom or a (C_1-C_4) alkyl group; R_2 and R_3 each independently of one another represent a hydrogen atom or a (C_1-C_4) alkyl group, or else R_2 and R_3 , together with the nitrogen atom bearing them, form a pyrrolidinyl, piperidinyl, morpholinyl or $4-(C_1-C_4)$ alkylpiperazinyl group; and Het represents a heteroaromatic group of pyridinyl, quinolinyl, isoquinolinyl, pyrimidinyl, pyrazinyl or pyridazinyl type which may carry one or more halogen atoms and/or one or more (C_1-C_4) alkyl and/or (C_1-C_4) alkoxy groups; in the form of bases, addition salts with acids, solvates or hydrates; the pharmaceutical compositions comprising them, processes for preparing them, and synthesis intermediates.

Patent application filed in the name of: SANOFI-SYNTHELABO

<u>Title</u>: 3-Heteroaryl-3,5-dihydro-4-oxo-4*H*-pyridazino[4,5-b]indole-1-acetamide derivatives, their preparation and their application in therapeutics

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Abstract

The invention provides compounds of general formula (I)

$$R_3$$
 (I)

in which

X represents a hydrogen or halogen atom; R_1 represents a hydrogen atom or a (C_1-C_4) alkyl group; R_2 and R_3 each independently of one another represent a hydrogen atom or a (C_1-C_4) alkyl group, or else R_2 and R_3 , together with the nitrogen atom bearing them, form a pyrrolidinyl,

piperidinyl, morpholinyl or $4-(C_1-C_4)$ alkylpiperazinyl group; and Het represents a heteroaromatic group of pyridinyl, quinolinyl, isoquinolinyl, pyrimidinyl, pyrazinyl or pyridazinyl type which may carry one or more halogen atoms and/or one or more (C_1-C_4) alkyl and/or (C_1-C_4) alkoxy groups; in the form of bases, addition salts with acids, solvates or hydrates; the pharmaceutical compositions comprising them, processes for preparing them, and synthesis intermediates.

No figure.